

March 17, 2022

Ms. Demaree Collier
Remedial Project Manager
USEPA Region 5
77 West Jackson Boulevard
Chicago, IL 60604

Subject: Transmittal of Data
Plume Monitoring
Lemberger Landfill Sites
Fourth Quarter 2021

Dear Ms. Collier:

On behalf of the Lemberger Site Remediation Group (LSRG), and in accordance with the Environmental Monitoring Plan (EMP), Revision 5 (February 2021), and the subsequent monitoring program revisions as approved by the United States Environmental Protection Agency (USEPA) and the Wisconsin Department of Natural Resources (WDNR), TRC Environmental Corporation (TRC) is submitting the following data:

- Attachment 1: Data Validation Comments and Qualified Form 1s For All Wells
- Attachment 2: Table of Wisconsin Administrative Code Chapter NR 140 Groundwater Quality Standards (Enforcement Standards [ESs], Preventive Action Limits [PALs], Maximum Contaminant Levels [MCLs], and Secondary Maximum Contaminant Levels [SMCLs]) for the Pertinent Parameters
- Attachment 3: Tabular Summary of Analytical Results at Each Monitoring Well
- Attachment 4: Laboratory Data Qualifiers for Monitoring Wells
- Attachment 5: Tabular Summary of Groundwater Standard Exceedances at Plume Monitoring Wells

A CD containing field and laboratory data in an approved WDNR format has been attached to the copies provided to the WDNR and the USEPA, for their use. Groundwater samples were collected during December 2021, in accordance with the February 2021 EMP, revision 5.

Please call if you have questions.

Sincerely,

TRC



Kristopher D. Krause, P.E.
Senior Project Manager



Meredith Westover, P.G.
Senior Hydrogeologist

Attachments

Ms. Demaree Collier
USEPA Region 5
March 17, 2022
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cc: B.J. LeRoy – WDNR
Brian Potts – Perkins Coie, LLP
Kristin Jones – Newell Rubbermaid
Troy Adams – Manitowoc Public Utilities
Scott Karbon – Manitowoc Public Utilities
James Wallner – Red Arrow Products
James Cook – Manitowoc Cranes
Kathleen McDaniel – City of Manitowoc
Dominique Sorel – SS. Papadopoulos & Associates, Inc.
John Lang – EHS Support, LLC
Tom Sullivan – EHS Support, LLC
GEMS Data Submittal Contact (w/diskette)

Attachment 1

Data Validation Comments and Qualified Form 1s For All Wells



Memorandum

To: Meredith Westover

From: Kristen Morin (Data Reviewer)
Elizabeth Denly (Peer Reviewer)

Date: February 2, 2022

Subject: Data Validation Report
VOC Groundwater Samples: 4th Quarter 2021
Lemberger Landfill and Lemberger Transport and Recycling/Franklin, Wisconsin
Laboratory Project Number 40238093

SUMMARY

Full validation (level IV) was performed on the data for seven groundwater samples, one field blank, and one trip blank collected at the Lemberger Landfill and Lemberger Transport and Recycling Site in Franklin, Wisconsin. The samples were collected on December 4 and 5, 2021. Samples were submitted to Pace Analytical Services, LLC in Green Bay, Wisconsin for analysis. The samples were analyzed for volatile organic compounds (VOCs) using SW-846 Method 8260B.

The laboratory reported the results under laboratory project number 40238093.

The sample results were assessed using the *USEPA National Functional Guidelines for Organic Superfund Methods Data Review (EPA-540-R-20-005)*, November 2020 and the project-specific quality assurance project plan (QAPP), dated September 2011, Revision 1.

In general, the data are valid as reported and may be used for decision-making purposes. The following issues were noted which have a minor impact on the data usability:

- Select results were reported which were below the lowest calibration standard and quantitation limit (QL); these results were qualified as estimated (J).
- Potential uncertainty exists for the nondetect results for select VOCs in all samples due to continuing calibration nonconformances. These results were qualified as estimated (UJ).

SAMPLES

Samples included in this review are listed below:

- RM-002D
- RM-210D
- FDUP-001¹
- RM-003D
- RM-401XXD
- FB-001
- RM-003XXD
- RM-403XD
- TB-001

¹ Field duplicate of RM-003D

REVIEW ELEMENTS

Sample data were reviewed for the following parameters:

- Agreement of analyses conducted with chain-of-custody (COC) requests
- Data completeness
- Holding times and sample preservation
- Gas chromatography/mass spectrometry (GC/MS) tunes
- Initial and continuing calibrations
- Blanks
- Surrogate spike recoveries
- Matrix spike (MS)/MS Duplicate (MSD) results
- Laboratory control sample (LCS) results
- Internal standard performance
- Laboratory duplicate results
- Field duplicate results
- Quantitation limits and sample results
- Target compound identification

DISCUSSION

Agreement of Analyses Conducted with Chain-of-Custody Requests

Sample reports were checked to verify that the results corresponded to analytical requests as designated on the chain-of-custody. No issues were noted.

Data Completeness

The data package was found to be complete as received from the laboratory with one exception. The laboratory only spiked a subset of the VOCs which were reported in the samples in the LCS and MS/MSDs. Thus, accuracy and/or precision could not be evaluated for select VOCs. No validation actions were taken on the basis of this issue.

Holding Times and Sample Preservation

All samples were analyzed within the method-specified holding time. All samples were received by the laboratory on ice and were properly preserved.

Samples were received by the laboratory four days after collection. Samples were stored in coolers, on ice, in a locked former treatment building at the site until delivery to the laboratory. No validation actions were required on this basis since the samples were kept on ice prior to delivery to the laboratory and were received on ice and at acceptable cooler temperatures by the laboratory.

GC/MS Tunes

The frequency and abundance of all bromofluorobenzene tunes were within the acceptance criteria.

Initial and Continuing Calibrations

The coefficients of determination, percent relative standard deviations, and relative response factors (RRFs) for all target compounds were within the acceptance criteria in the initial calibrations.

All RRFs were within the acceptance criteria in the continuing calibrations (CCs). The following table summarizes the percent differences or percent drifts (%Ds) which were outside of the acceptance criteria (%D $\leq 20\%$) in the CCs and the associated samples. %Ds which were outside of the acceptance criteria in the VOC initial calibration verification (ICV) standards were not summarized in the table below since the ICVs did not immediately precede any VOC sample analyses.

CC	Compound	%D	Associated Samples	Validation Action
40MSV3 12/17/21 @1535	Acetone	27.42777	RM-401XXD, FDUP-001	The nondetect results for the listed VOCs were qualified as estimated (UJ) in the associated samples.
40MSVA 12/15/21 @1120	Bromomethane	38.9514	RM-002D, RM-003D, RM-003XXD, RM-210D, RM-403XD, FB-001, TB-001	
	Chloroethane	38.0363		

Blanks

Target analytes were not detected in the method blanks or trip blank. The following table summarizes the concentrations of the compounds that were detected in the field blank, the associated samples, and the resulting validation actions.

Compound	Blank Concentration ($\mu\text{g/L}$)	QL ($\mu\text{g/L}$)	Blank ID: Associated Samples	Validation Action
Toluene	1.7	1.0	FB-001: All groundwater samples in this data set	No qualification was required since toluene and xylene (total) were not detected in the associated samples.
Xylene (total)	1.1 J	3.0		

Surrogate Spike Recoveries

The percent recoveries (%Rs) of the surrogates were within the laboratory acceptance criteria for all samples.

MS/MSD Results

MS/MSD analyses were performed on sample RM-003XXD; all MS/MSD relative percent difference (RPD) criteria were met. The following table summarizes the %Rs that was outside of the laboratory's acceptance criteria in the MS/MSD analyses and the validation actions.

MS/MSD Sample ID	Compound	MS/MSD %Rs	MS/MSD %R QC Limits	Validation Action
RM-003XD	Bromomethane	135/143	44-128	No qualification was required since bromomethane and chloroethane were not detected in sample RM-003XD.
	Chloroethane	144/150	70-137	

Note that the laboratory only spiked a subset of the VOCs which were reported in the samples in the MS/MSDs. Thus, accuracy and precision could not be evaluated for the following VOCs (which were

not spiked) in groundwater sample RM-003XXD: 2-butanone, 2-hexanone, 4-methyl-2-pentanone, and acetone. No validation action was taken on this basis.

LCS Results

An LCS was performed each day prior to sample analysis. The following table summarizes the LCS %Rs that was outside of the laboratory's acceptance criteria, the associated samples, and the validation action.

LCS ID	Compound	LCS %R	%R QC Limits	Validation Action
2331447	Bromomethane	148	44-128	No qualification was required since bromomethane and chloroethane were not detected in the associated samples.
	Chloroethane	164	73-137	
Associated samples: RM-002D, RM-003D, RM-003XXD, RM-210D, RM-403XD, FB-001, TB-001				

Note that the laboratory only spiked a subset of the VOCs that were reported in the samples in the LCS. Thus, accuracy could not be evaluated for the following VOCs (which were not spiked) in all LCSs: 2-butanone, 2-hexanone, 4-methyl-2-pentanone, and acetone. No validation action was taken on this basis.

Internal Standard Performance

Internal standards were within the method acceptance criteria in all sample analyses.

Laboratory Duplicate Results

Laboratory duplicates were not performed on a sample from this data set.

Field Duplicate Results

Samples RM-003D and FDUP-001 were submitted as the field duplicate pair with this data set. The following table summarizes the RPDs or absolute difference (AbsDs) of the detected results in the field duplicate pair. All criteria were met.

Analyte	QL(s) (µg/L)	RM-003D (µg/L)	FDUP-001 (µg/L)	RPD (%) or AbsD (µg/L)	Validation Action
1,1,1-Trichloroethane	1.0	18.5	21.6	RPD = 15.5	None; all criteria were met.
1,1-Dichloroethane	1.0	11.4	12.5	RPD = 9.2	
1,1-Dichloroethene	1.0	2.3	2.4	AbsD = 0.1	
Tetrachloroethene	1.0	0.70 J	1.0 U	AbsD = 0.3	
Trichloroethene	1.0	3.3	3.6	AbsD = 0.3	
cis-1,2-Dichloroethene	1.0	3.6	4.0	AbsD = 0.4	

Criteria:

- When both results are $\geq 5x$ the QL, RPDs must be $\leq 35\%$.
- When one or both results are $< 5x$ the QL, AbsD must be $<$ the QL.

Quantitation Limits and Sample Results

Sample calculations were spot-checked; there were no errors noted. There were no dilutions performed on the samples in this data set.

Select results were reported which were below the lowest calibration standard level and QL (or limit of quantitation [LOQ]). These results were qualified as estimated (J) by the laboratory.

The laboratory's LOD for select nondetect VOC results was above one or both of the project action limits specified in the QAPP; the affected VOCs, project action limits, and current laboratory LODs are summarized in the table below.

Compound	Affected Samples	WAC Chapter NR 140 PAL (µg/L)	WAC Chapter NR 140 ES (µg/L)	Laboratory LOD (µg/L)
1,1,2,2-Tetrachloroethane	All samples in this data set	0.02	0.2	0.38
Bromodichloromethane		0.06	0.6*	0.42
Bromoform		0.44	4.4*	3.8
Bromomethane		1	10*	1.2
Chloroform		0.6	6*	1.2
cis-1,3-Dichloropropene		0.02	0.2	0.36
trans-1,3-Dichloropropene		0.02	0.2	3.5
Vinyl chloride		0.02	0.2*	0.17
* Laboratory LOD is below action limit				

Target Compound Identification

All criteria were met.

QUALIFIED FORM 1s

ANALYTICAL RESULTS

Project: 419607.0000 PHASE 5 LEMBERGER

Pace Project No.: 40238093

Sample: RM-401XXD **Lab ID: 40238093001** Collected: 12/04/21 08:58 Received: 12/09/21 17:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	2.6	ug/L	1.0	0.30	1		12/17/21 16:53	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		12/17/21 16:53	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		12/17/21 16:53	79-00-5	
1,1-Dichloroethane	1.4	ug/L	1.0	0.30	1		12/17/21 16:53	75-34-3	
1,1-Dichloroethene	0.90J	ug/L	1.0	0.58	1		12/17/21 16:53	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/17/21 16:53	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/17/21 16:53	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		12/17/21 16:53	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		12/17/21 16:53	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		12/17/21 16:53	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		12/17/21 16:53	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		12/17/21 16:53	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		12/17/21 16:53	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		12/17/21 16:53	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/17/21 16:53	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		12/17/21 16:53	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/17/21 16:53	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/17/21 16:53	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/17/21 16:53	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		12/17/21 16:53	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/17/21 16:53	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/17/21 16:53	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/17/21 16:53	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/17/21 16:53	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		12/17/21 16:53	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/17/21 16:53	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/17/21 16:53	108-88-3	
Trichloroethene	0.49J	ug/L	1.0	0.32	1		12/17/21 16:53	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/17/21 16:53	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/17/21 16:53	1330-20-7	
cis-1,2-Dichloroethene	2.0	ug/L	1.0	0.47	1		12/17/21 16:53	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		12/17/21 16:53	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/17/21 16:53	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		12/17/21 16:53	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		12/17/21 16:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		12/17/21 16:53	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		12/17/21 16:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 419607.0000 PHASE 5 LEMBERGER

Pace Project No.: 40238093

Sample: **RM-403XD** Lab ID: **40238093002** Collected: 12/04/21 10:36 Received: 12/09/21 17:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	100	ug/L	1.0	0.30	1		12/15/21 20:48	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		12/15/21 20:48	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		12/15/21 20:48	79-00-5	
1,1-Dichloroethane	66.6	ug/L	1.0	0.30	1		12/15/21 20:48	75-34-3	
1,1-Dichloroethene	9.0	ug/L	1.0	0.58	1		12/15/21 20:48	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/15/21 20:48	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/15/21 20:48	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		12/15/21 20:48	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		12/15/21 20:48	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		12/15/21 20:48	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		12/15/21 20:48	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		12/15/21 20:48	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		12/15/21 20:48	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		12/15/21 20:48	75-25-2	
Bromomethane	<1.2 UJ	ug/L	5.0	1.2	1		12/15/21 20:48	74-83-9	L1
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		12/15/21 20:48	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/15/21 20:48	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/15/21 20:48	108-90-7	
Chloroethane	<1.4 UJ	ug/L	5.0	1.4	1		12/15/21 20:48	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		12/15/21 20:48	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/15/21 20:48	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/15/21 20:48	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/15/21 20:48	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/15/21 20:48	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		12/15/21 20:48	100-42-5	
Tetrachloroethene	1.1	ug/L	1.0	0.41	1		12/15/21 20:48	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/15/21 20:48	108-88-3	
Trichloroethene	16.8	ug/L	1.0	0.32	1		12/15/21 20:48	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/15/21 20:48	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/15/21 20:48	1330-20-7	
cis-1,2-Dichloroethene	18.2	ug/L	1.0	0.47	1		12/15/21 20:48	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		12/15/21 20:48	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/15/21 20:48	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		12/15/21 20:48	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		12/15/21 20:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		12/15/21 20:48	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		12/15/21 20:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 419607.0000 PHASE 5 LEMBERGER

Pace Project No.: 40238093

Sample: **RM-003XXD** Lab ID: **40238093003** Collected: 12/04/21 11:57 Received: 12/09/21 17:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	3.3	ug/L	1.0	0.30	1		12/15/21 17:01	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		12/15/21 17:01	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		12/15/21 17:01	79-00-5	
1,1-Dichloroethane	1.7	ug/L	1.0	0.30	1		12/15/21 17:01	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/15/21 17:01	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/15/21 17:01	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/15/21 17:01	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		12/15/21 17:01	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		12/15/21 17:01	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		12/15/21 17:01	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		12/15/21 17:01	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		12/15/21 17:01	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		12/15/21 17:01	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		12/15/21 17:01	75-25-2	
Bromomethane	<1.2 UJ	ug/L	5.0	1.2	1		12/15/21 17:01	74-83-9	L1,M0
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		12/15/21 17:01	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/15/21 17:01	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/15/21 17:01	108-90-7	
Chloroethane	<1.4 UJ	ug/L	5.0	1.4	1		12/15/21 17:01	75-00-3	L1,M0
Chloroform	<1.2	ug/L	5.0	1.2	1		12/15/21 17:01	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/15/21 17:01	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/15/21 17:01	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/15/21 17:01	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/15/21 17:01	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		12/15/21 17:01	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/15/21 17:01	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/15/21 17:01	108-88-3	
Trichloroethene	0.99J	ug/L	1.0	0.32	1		12/15/21 17:01	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/15/21 17:01	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/15/21 17:01	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/15/21 17:01	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		12/15/21 17:01	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/15/21 17:01	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		12/15/21 17:01	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	119	%	70-130		1		12/15/21 17:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	115	%	70-130		1		12/15/21 17:01	2199-69-1	
Toluene-d8 (S)	115	%	70-130		1		12/15/21 17:01	2037-26-5	

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ANALYTICAL RESULTS

Project: 419607.0000 PHASE 5 LEMBERGER

Pace Project No.: 40238093

Sample: **RM-003D** Lab ID: **40238093004** Collected: 12/04/21 13:00 Received: 12/09/21 17:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	18.5	ug/L	1.0	0.30	1		12/15/21 18:44	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		12/15/21 18:44	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		12/15/21 18:44	79-00-5	
1,1-Dichloroethane	11.4	ug/L	1.0	0.30	1		12/15/21 18:44	75-34-3	
1,1-Dichloroethene	2.3	ug/L	1.0	0.58	1		12/15/21 18:44	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/15/21 18:44	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/15/21 18:44	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		12/15/21 18:44	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		12/15/21 18:44	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		12/15/21 18:44	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		12/15/21 18:44	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		12/15/21 18:44	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		12/15/21 18:44	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		12/15/21 18:44	75-25-2	
Bromomethane	<1.2 UJ	ug/L	5.0	1.2	1		12/15/21 18:44	74-83-9	L1
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		12/15/21 18:44	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/15/21 18:44	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/15/21 18:44	108-90-7	
Chloroethane	<1.4 UJ	ug/L	5.0	1.4	1		12/15/21 18:44	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		12/15/21 18:44	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/15/21 18:44	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/15/21 18:44	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/15/21 18:44	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/15/21 18:44	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		12/15/21 18:44	100-42-5	
Tetrachloroethene	0.70J	ug/L	1.0	0.41	1		12/15/21 18:44	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/15/21 18:44	108-88-3	
Trichloroethene	3.3	ug/L	1.0	0.32	1		12/15/21 18:44	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/15/21 18:44	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/15/21 18:44	1330-20-7	
cis-1,2-Dichloroethene	3.6	ug/L	1.0	0.47	1		12/15/21 18:44	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		12/15/21 18:44	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/15/21 18:44	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		12/15/21 18:44	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		12/15/21 18:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		12/15/21 18:44	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		12/15/21 18:44	2037-26-5	

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ANALYTICAL RESULTS

Project: 419607.0000 PHASE 5 LEMBERGER

Pace Project No.: 40238093

Sample: FDUP-001 **Lab ID: 40238093005** Collected: 12/04/21 00:00 Received: 12/09/21 17:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	21.6	ug/L	1.0	0.30	1		12/17/21 17:13	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		12/17/21 17:13	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		12/17/21 17:13	79-00-5	
1,1-Dichloroethane	12.5	ug/L	1.0	0.30	1		12/17/21 17:13	75-34-3	
1,1-Dichloroethene	2.4	ug/L	1.0	0.58	1		12/17/21 17:13	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/17/21 17:13	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/17/21 17:13	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		12/17/21 17:13	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		12/17/21 17:13	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		12/17/21 17:13	108-10-1	
Acetone	<8.6 UJ	ug/L	25.0	8.6	1		12/17/21 17:13	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		12/17/21 17:13	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		12/17/21 17:13	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		12/17/21 17:13	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		12/17/21 17:13	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		12/17/21 17:13	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/17/21 17:13	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/17/21 17:13	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		12/17/21 17:13	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		12/17/21 17:13	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/17/21 17:13	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/17/21 17:13	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/17/21 17:13	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/17/21 17:13	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		12/17/21 17:13	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/17/21 17:13	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/17/21 17:13	108-88-3	
Trichloroethene	3.6	ug/L	1.0	0.32	1		12/17/21 17:13	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/17/21 17:13	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/17/21 17:13	1330-20-7	
cis-1,2-Dichloroethene	4.0	ug/L	1.0	0.47	1		12/17/21 17:13	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		12/17/21 17:13	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/17/21 17:13	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		12/17/21 17:13	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		12/17/21 17:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		12/17/21 17:13	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		12/17/21 17:13	2037-26-5	

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ANALYTICAL RESULTS

Project: 419607.0000 PHASE 5 LEMBERGER

Pace Project No.: 40238093

Sample: RM-002D **Lab ID: 40238093006** Collected: 12/05/21 10:19 Received: 12/09/21 17:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	5.3	ug/L	1.0	0.30	1		12/15/21 19:26	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		12/15/21 19:26	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		12/15/21 19:26	79-00-5	
1,1-Dichloroethane	4.7	ug/L	1.0	0.30	1		12/15/21 19:26	75-34-3	
1,1-Dichloroethene	0.89J	ug/L	1.0	0.58	1		12/15/21 19:26	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/15/21 19:26	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/15/21 19:26	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		12/15/21 19:26	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		12/15/21 19:26	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		12/15/21 19:26	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		12/15/21 19:26	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		12/15/21 19:26	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		12/15/21 19:26	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		12/15/21 19:26	75-25-2	
Bromomethane	<1.2 UJ	ug/L	5.0	1.2	1		12/15/21 19:26	74-83-9	L1
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		12/15/21 19:26	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/15/21 19:26	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/15/21 19:26	108-90-7	
Chloroethane	<1.4 UJ	ug/L	5.0	1.4	1		12/15/21 19:26	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		12/15/21 19:26	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/15/21 19:26	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/15/21 19:26	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/15/21 19:26	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/15/21 19:26	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		12/15/21 19:26	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/15/21 19:26	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/15/21 19:26	108-88-3	
Trichloroethene	1.5	ug/L	1.0	0.32	1		12/15/21 19:26	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/15/21 19:26	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/15/21 19:26	1330-20-7	
cis-1,2-Dichloroethene	1.2	ug/L	1.0	0.47	1		12/15/21 19:26	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		12/15/21 19:26	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/15/21 19:26	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		12/15/21 19:26	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		12/15/21 19:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		12/15/21 19:26	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		12/15/21 19:26	2037-26-5	

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ANALYTICAL RESULTS

Project: 419607.0000 PHASE 5 LEMBERGER

Pace Project No.: 40238093

Sample: **RM-210D** Lab ID: **40238093007** Collected: 12/05/21 13:00 Received: 12/09/21 17:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	6.3	ug/L	1.0	0.30	1		12/15/21 19:46	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		12/15/21 19:46	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		12/15/21 19:46	79-00-5	
1,1-Dichloroethane	3.8	ug/L	1.0	0.30	1		12/15/21 19:46	75-34-3	
1,1-Dichloroethene	1.1	ug/L	1.0	0.58	1		12/15/21 19:46	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/15/21 19:46	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/15/21 19:46	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		12/15/21 19:46	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		12/15/21 19:46	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		12/15/21 19:46	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		12/15/21 19:46	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		12/15/21 19:46	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		12/15/21 19:46	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		12/15/21 19:46	75-25-2	
Bromomethane	<1.2 UJ	ug/L	5.0	1.2	1		12/15/21 19:46	74-83-9	L1
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		12/15/21 19:46	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/15/21 19:46	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/15/21 19:46	108-90-7	
Chloroethane	<1.4 UJ	ug/L	5.0	1.4	1		12/15/21 19:46	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		12/15/21 19:46	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/15/21 19:46	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/15/21 19:46	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/15/21 19:46	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/15/21 19:46	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		12/15/21 19:46	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/15/21 19:46	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/15/21 19:46	108-88-3	
Trichloroethene	1.6	ug/L	1.0	0.32	1		12/15/21 19:46	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/15/21 19:46	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/15/21 19:46	1330-20-7	
cis-1,2-Dichloroethene	1.9	ug/L	1.0	0.47	1		12/15/21 19:46	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		12/15/21 19:46	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/15/21 19:46	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		12/15/21 19:46	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		12/15/21 19:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		12/15/21 19:46	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		12/15/21 19:46	2037-26-5	

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ANALYTICAL RESULTS

Project: 419607.0000 PHASE 5 LEMBERGER

Pace Project No.: 40238093

Sample: FB-001 **Lab ID: 40238093008** Collected: 12/05/21 14:15 Received: 12/09/21 17:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/15/21 16:40	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		12/15/21 16:40	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		12/15/21 16:40	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/15/21 16:40	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/15/21 16:40	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/15/21 16:40	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/15/21 16:40	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		12/15/21 16:40	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		12/15/21 16:40	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		12/15/21 16:40	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		12/15/21 16:40	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		12/15/21 16:40	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		12/15/21 16:40	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		12/15/21 16:40	75-25-2	
Bromomethane	<1.2 UJ	ug/L	5.0	1.2	1		12/15/21 16:40	74-83-9	L1
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		12/15/21 16:40	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/15/21 16:40	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/15/21 16:40	108-90-7	
Chloroethane	<1.4 UJ	ug/L	5.0	1.4	1		12/15/21 16:40	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		12/15/21 16:40	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/15/21 16:40	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/15/21 16:40	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/15/21 16:40	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/15/21 16:40	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		12/15/21 16:40	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/15/21 16:40	127-18-4	
Toluene	1.7	ug/L	1.0	0.29	1		12/15/21 16:40	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/15/21 16:40	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/15/21 16:40	75-01-4	
Xylene (Total)	1.1J	ug/L	3.0	1.0	1		12/15/21 16:40	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/15/21 16:40	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		12/15/21 16:40	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/15/21 16:40	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		12/15/21 16:40	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		12/15/21 16:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		12/15/21 16:40	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		12/15/21 16:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 419607.0000 PHASE 5 LEMBERGER

Pace Project No.: 40238093

Sample: **TB-001** Lab ID: **40238093009** Collected: 12/05/21 00:00 Received: 12/09/21 17:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		12/15/21 15:54	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		12/15/21 15:54	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		12/15/21 15:54	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		12/15/21 15:54	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		12/15/21 15:54	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		12/15/21 15:54	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		12/15/21 15:54	78-87-5	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		12/15/21 15:54	78-93-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		12/15/21 15:54	591-78-6	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		12/15/21 15:54	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		12/15/21 15:54	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		12/15/21 15:54	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		12/15/21 15:54	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		12/15/21 15:54	75-25-2	
Bromomethane	<1.2 UJ	ug/L	5.0	1.2	1		12/15/21 15:54	74-83-9	L1
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		12/15/21 15:54	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		12/15/21 15:54	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		12/15/21 15:54	108-90-7	
Chloroethane	<1.4 UJ	ug/L	5.0	1.4	1		12/15/21 15:54	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		12/15/21 15:54	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		12/15/21 15:54	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		12/15/21 15:54	124-48-1	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		12/15/21 15:54	100-41-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		12/15/21 15:54	75-09-2	
Styrene	<0.36	ug/L	1.0	0.36	1		12/15/21 15:54	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		12/15/21 15:54	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		12/15/21 15:54	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		12/15/21 15:54	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		12/15/21 15:54	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		12/15/21 15:54	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		12/15/21 15:54	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		12/15/21 15:54	10061-01-5	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		12/15/21 15:54	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		12/15/21 15:54	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		12/15/21 15:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		12/15/21 15:54	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		12/15/21 15:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Attachment 2

Table of Wisconsin Administrative Code Chapter NR 140 Groundwater Quality Standards (Enforcement Standards [ESs], Preventive Action Limits [PALs], Maximum Contaminant Levels [MCLs], and Secondary Maximum Contaminant Levels [SMCLs]) for the Pertinent Parameters

**Attachment 2
Groundwater Quality Standards**

Parameter Name	Units	MCL	SMCL	NR PAL	NR ES
1,1,1,2-Tetrachloroethane	µg/L			7	70
1,1,1-Trichloroethane	µg/L	200		40	200
1,1,2-Trichloroethane	µg/L	5		0.5	5
1,1-Dichloroethene	µg/L	7		0.7	7
1,2,3-Trichloropropane	µg/L			12	60
1,2,4-Trichlorobenzene	µg/L	70		14	70
1,2-Dichlorobenzene	µg/L	600		60	600
1,2-Dichloroethane	µg/L	5		0.5	5
1,2-Dichloropropane	µg/L	5		0.5	5
1,4-Dichlorobenzene	µg/L	75		15	75
2,3,7,8-TCDD	ng/L	0.03		0.003	0.03
Alpha-chlordane	µg/L	2		0.2	2
Anthracene	µg/L			600	3000
Antimony, dissolved	µg/L	6		1.2	6
Antimony, total	µg/L	6		1.2	6
Aroclor-1016	µg/L	0.5		0.003	0.03
Aroclor-1221	µg/L	0.5		0.003	0.03
Aroclor-1232	µg/L	0.5		0.003	0.03
Aroclor-1242	µg/L	0.5		0.003	0.03
Aroclor-1248	µg/L	0.5		0.003	0.03
Aroclor-1254	µg/L	0.5		0.003	0.03
Aroclor-1260	µg/L	0.5		0.003	0.03
Arsenic, dissolved	µg/L	10		1	10
Arsenic, total	µg/L	10		1	10
Barium, dissolved	µg/L	2000		400	2000
Barium, total	µg/L	2000		400	2000
Bentazon	µg/L			60	300
Benzene	µg/L	5		0.5	5
Benzo(a)pyrene	µg/L	0.2		0.02	0.2
Benzo(b)fluoranthene	µg/L			0.02	0.2
Beryllium, dissolved	µg/L	4		0.4	4
Beryllium, total	µg/L	4		0.4	4
bis(2-ethylhexyl)Phthalate	µg/L	6		0.6	6
Cadmium, dissolved	µg/L	5		0.5	5
Cadmium, total	µg/L	5		0.5	5

**Attachment 2 (continued)
Groundwater Quality Standards**

Parameter Name	Units	MCL	SMCL	NR PAL	NR ES
Carbon disulfide	µg/L			200	1000
Carbon tetrachloride	µg/L	5		0.5	5
Chlordane, technical	µg/L	2		0.2	2
Chloride	mg/L		250	125	250
Chlorobenzene	µg/L	100		20	100
Chromium, dissolved	µg/L	100		10	100
Chromium, total	µg/L	100		10	100
Chrysene	µg/L			0.02	0.2
cis-1,2-Dichloroethene	µg/L	70		7	70
Cobalt, dissolved	µg/L			8	40
Cobalt, total	µg/L			8	40
Copper, dissolved	µg/L	1300	1000	130	1300
Copper, total	µg/L	1300	1000	130	1300
Cyanazine	µg/L			0.1	1
Cyanide, total	mg/L	0.2		0.04	0.2
Di-n-butylphthalate	µg/L			100	1000
Endrin	µg/L	2		0.4	2
Ethylbenzene	µg/L	700		140	700
Fluoranthene	µg/L			80	400
Gamma-BHC (lindane)	µg/L	0.2		0.02	0.2
Gamma-chlordane	µg/L	2		0.2	2
Heptachlor	µg/L	0.4		0.04	0.4
Heptachlor epoxide	µg/L	0.2		0.02	0.2
Hexachlorobenzene	µg/L	1		0.1	1
Hydrogen sulfide	µg/L			6	30
Iron, dissolved	µg/L		300	150	300
Iron, total	µg/L		300	150	300
Lead, dissolved	µg/L	15		1.5	15
Lead, total	µg/L	15		1.5	15
Manganese, dissolved	µg/L		50	60	300
Manganese, total	µg/L		50	60	300
Mercury, dissolved	µg/L	2		0.2	2
Mercury, total	µg/L	2		0.2	2
Methanol	µg/L			1000	5000
Methoxychlor	µg/L	40		4	40
Methylene chloride	µg/L	5		0.5	5

**Attachment 2 (continued)
Groundwater Quality Standards**

Parameter Name	Units	MCL	SMCL	NR PAL	NR ES
N-hexane	µg/L			120	600
Nickel, dissolved	µg/L			20	100
Nickel, total	µg/L			20	100
Nitrogen, ammonia	mg/L			0.97	9.7
N-nitrosodiphenylamine	µg/L			0.7	7
Pentachlorophenol	µg/L	1		0.1	1
Prometon	µg/L			20	100
Pyrene	µg/L			50	250
Pyridine	µg/L			2	10
Selenium, dissolved	µg/L	50		10	50
Selenium, total	µg/L	50		10	50
Silver, dissolved	µg/L		100	10	50
Silver, total	µg/L		100	10	50
Styrene	µg/L	100		10	100
Tetrachloroethene	µg/L	5		0.5	5
Thallium, dissolved	µg/L	2		0.4	2
Thallium, total	µg/L	2		0.4	2
Toluene	µg/L	1000		160	800
Toxaphene	µg/L	3		0.3	3
trans-1,2-Dichloroethene	µg/L	100		20	100
Trichloroethene	µg/L	5		0.5	5
Trimethylbenzenes, total	µg/L			96	480
Vanadium, dissolved	µg/L			6	30
Vanadium, total	µg/L			6	30
Vinyl chloride	µg/L	2		0.02	0.2
Xylenes, total	µg/L	10000		400	2000
Zinc, dissolved	µg/L		5000	2500	5000
Zinc, total	µg/L		5000	2500	5000

Note:
Table updated February 2021 to reflect January 2020 register (WDNR) and latest USEPA MCLs.

Attachment 3

Tabular Summary of Analytical Results at Each Monitoring Well

**LEMBERGER LANDFILL
MONITORING WELL VOLATILE ORGANIC ANALYSIS RESULTS
DECEMBER 2021**

PARAMETER	UNITS	RM-002D	RM-003D	RM-003D DUP	RM-003XXD	RM-210D	RM-401XXD	RM-403XD
		12/5/2021 40238093006	12/4/2021 40238093004	12/4/2021 40238093005	12/4/2021 40238093003	12/5/2021 40238093007	12/4/2021 40238093001	12/4/2021 40238093002
1,1,1-TRICHLOROETHANE	UG/L	5.3	18.5	21.6	3.3	6.3	2.6	100
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38
1,1,2-TRICHLOROETHANE	UG/L	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
1,1-DICHLOROETHANE	UG/L	4.7	11.4	12.5	1.7	3.8	1.4	66.6
1,1-DICHLOROETHENE	UG/L	0.89 J	2.3	2.4	< 0.58	1.1	0.90 J	9.0
1,2-DICHLOROETHANE	UG/L	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
1,2-DICHLOROPROPANE	UG/L	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
2-BUTANONE	UG/L	< 6.5	< 6.5	< 6.5	< 6.5	< 6.5	< 6.5	< 6.5
2-HEXANONE	UG/L	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3
4-METHYL-2-PENTANONE	UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0
ACETONE	UG/L	< 8.6	< 8.6	< 8.6 uj	< 8.6	< 8.6	< 8.6 uj	< 8.6
BENZENE	UG/L	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30
BROMODICHLOROMETHANE	UG/L	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42
BROMOFORM	UG/L	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8
BROMOMETHANE	UG/L	< 1.2 L1uj	< 1.2 L1uj	< 1.2	< 1.2 M0,L1uj	< 1.2 L1uj	< 1.2	< 1.2 L1uj
CARBON DISULFIDE	UG/L	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
CARBON TETRACHLORIDE	UG/L	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37
CHLOROBENZENE	UG/L	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86
CHLORODIBROMOMETHANE	UG/L	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6
CHLOROETHANE	UG/L	< 1.4 L1uj	< 1.4 L1uj	< 1.4	< 1.4 M0,L1uj	< 1.4 L1uj	< 1.4	< 1.4 L1uj
CHLOROFORM	UG/L	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
CHLOROMETHANE	UG/L	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
CIS-1,2-DICHLOROETHENE	UG/L	1.2	3.6	4.0	< 0.47	1.9	2.0	18.2
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
ETHYLBENZENE	UG/L	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
METHYLENE CHLORIDE	UG/L	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32
STYRENE	UG/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
TETRACHLOROETHENE	UG/L	< 0.41	0.70 J	< 0.41	< 0.41	< 0.41	< 0.41	1.1
TOLUENE	UG/L	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29
TRANS-1,2-DICHLOROETHENE	UG/L	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53
TRANS-1,3-DICHLOROPROPENE	UG/L	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5
TRICHLOROETHENE	UG/L	1.5	3.3	3.6	0.99 J	1.6	0.49 J	16.8
VINYL CHLORIDE	UG/L	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
XYLENE, TOTAL	UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

NOTES:

Laboratory data qualifiers are included in Attachment 4. See specific laboratory report for Sample Delivery Group (SDG) definition.

Non-detect results are reported as "< Limit of Detection (LOD)"

Data Validation Qualifiers:

j = the result is estimated

u = data validation rules result is not-detected.

**LEMBERGER LANDFILL
MONITORING WELL INDICATOR PARAMETERS AND FIELD DATA
DECEMBER 2021**

PARAMETER	UNITS	RM-002D	RM-003D	RM-003XXD	RM-210D	RM-401XXD	RM-403XD
		12/5/2021 40238093006	12/4/2021 40238093004	12/4/2021 40238093003	12/5/2021 40238093007	12/4/2021 40238093001	12/4/2021 40238093002
COLOR, FIELD		NONE	NONE	NONE	NONE	NONE	NONE
CONDUCTANCE, SPECIFIC	UMHOS/CM	595	757	687	755	729	938
DEPTH TO WATER	FEET	23.42	17.00	14.73	31.00	26.19	37.83
DISSOLVED OXYGEN, FIELD	MG/L	0.96	1.52	0.87	1.55	4.14	2.55
ODOR, FIELD		NONE	NONE	NONE	NONE	NONE	NONE
OXIDATION REDUCTION POTENTIAL	MV	114	219	233	161	184	242
PH, FIELD	SU	7.53	7.26	7.40	7.45	7.40	7.30
TEMPERATURE	DEG C	4.0	6.4	4.8	3.9	4.9	4.7
TURBIDITY, FIELD NTU	NTU	6	0	0	7	0	0
WATER ELEVATION	FEET	792.29	803.13	806.8	796.86	806.66	806.67

Attachment 4

Laboratory Data Qualifiers for Monitoring Well Samples

QUALIFIERS

Project: 419607.0000 PHASE 5 LEMBERGER

Pace Project No.: 40238093

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Attachment 5
Tabular Summary of Groundwater Standard Exceedances

**Summary of Groundwater Standard Exceedances at Plume Monitoring Wells
Lemberger Landfill Sites
4th Quarter 2021**

Well ID	Parameter	Result	Data Qualifiers	Units	Standard ¹		Well Location
					ES ²	PAL ³	
RM-002D	1,1-Dichloroethene	0.89	J	UG/L		X	2,900' northwest of LL site
RM-002D	Trichloroethene	1.5		UG/L		X	2,900' northwest of LL site
RM-003D	1,1-Dichloroethene	2.3		UG/L		X	1,000' west of LL site
RM-003D	Tetrachloroethene	0.7	J	UG/L		X	1,000' west of LL site
RM-003D	Trichloroethene	3.3		UG/L		X	1,000' west of LL site
RM-003D DUP	1,1-Dichloroethene	2.4		UG/L		X	1,000' west of LL site
RM-003D DUP	Trichloroethene	3.6		UG/L		X	1,000' west of LL site
RM-003XXD	Trichloroethene	0.99	J	UG/L		X	1,000' west of LL site
RM-210D	1,1-Dichloroethene	1.1		UG/L		X	3,600' north of LL site
RM-210D	Trichloroethene	1.6		UG/L		X	3,600' north of LL site
RM-401XXD	1,1-Dichloroethene	0.9	J	UG/L		X	400' Northwest of LL Site
RM-403XD	1,1,1-Trichloroethane	100		UG/L		X	400' West of LTR site
RM-403XD	1,1-Dichloroethene	9		UG/L	X		400' West of LTR site
RM-403XD	cis-1,2-Dichloroethene	18.2		UG/L		X	400' West of LTR site
RM-403XD	Tetrachloroethene	1.1		UG/L		X	400' West of LTR site
RM-403XD	Trichloroethene	16.8		UG/L	X		400' West of LTR site

Notes:

- ¹ Table includes exceedances where the reported concentration is between the Limit of Detection and Limit of Quantitation ("J" data qualifier).
- ² ES =Wisconsin Administrative Code NR140 Enforcement Standard
- ³ PAL =Wisconsin Administrative Code NR140 Preventive Action Limit
- ⁴ LTR = Lemberger Transport and Recycling
- ⁵ LL = Lemberger Landfill

Laboratory qualifiers are included in the sample-specific laboratory reports. See laboratory reports for the SDG-specific definitions.

Notice: Personally identifiable information collected will be used for program administration and enforcement purposes. The Department may also provide this information to requesters as required under Wisconsin's Open Records law, ss. 19.31 to 19.39, Wis. Stats. When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a); NR 140.26(1)(a); NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats

Instructions:

- Prepare one form for each license or monitoring ID.
- Please type or print legibly.
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to:

GEMS Data Submittal Contact - WA/5
Wisconsin Department of Natural Resources
P.O. Box 7921
Madison, WI 53707-7921

Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner)

TRC Environmental Corp.

Contact for questions about data formatting. Include data preparer's name, telephone number and Email address:

Name: Meredith Westover Phone No. (include area code): (608) 358-5035

Email: mwestover@trccompanies.com

Facility Name: Lemberger Landfill

License # / Monitoring ID: 00753 Facility ID (FID): 436016790

Actual sampling dates (e.g., July 2-6, 2003): 10/31, 11/12, 12/4, 12/5, 12/31, 2021 The enclosed results are for sampling required in the month(s) of: (e.g., June 2003) October, November, December 2021

Type of Data Submitted (Check all that apply):

- Groundwater monitoring data from monitoring wells
- Groundwater monitoring data from private water supply wells
- Leachate monitoring data
- Gas monitoring data
- Air monitoring data
- Other (specify):

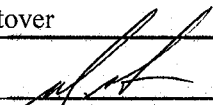
Notification attached?

- No. No groundwater standards or explosive gas limits were exceeded.
- Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.

Facility Representative Name (Print): Meredith Westover Title: Database Manager Phone No. (include area code): (608) 358-5035

Signature:  Date Signed (mm/dd/yyyy): 2/22/2022

For DNR Use Only

Check action taken, and record date and your initials. Describe on back side if necessary.

- Found uploading problems on _____ Initials _____
- Notified contact of problems on _____ Uploaded data successfully on _____
- EDD format(s): Diskette CD (initial submittal and follow-up) E-mail (follow-up only) Other: _____